

STARRED QUESTION NO:209
ANSWERED ON:30.11.2016
Scientific and Technological Research
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- (a) the present position/status of India in terms of scientific research globally;
- (b) the budgetary allocation for scientific research in terms of percentage of GDP during the last three years and the current year;
- (c) whether the Government has launched any programme/scheme to attract youngsters towards scientific and technological research in the country and if so, the details in this regard along with names of bodies/institutions involved in this endeavour;
- (d) whether the Government has signed any agreement with the National and International institutions for promoting research and if so, the details thereof during the last three years and the current year; and
- (e) the funds allocated during the above period for this purpose?

[illegible]

(d) An intra-governmental agreement has been signed recently among 25 Departments to address and provide solutions to the most relevant engineering challenges faced by our nation by translating knowledge into viable technology (product and processes) in selected technology domains to enable, empower and embolden the nation for inclusive growth and self-reliance. This initiative titled IMPRINT (IMPacting Research INnovation and Technology) is piloted by the Ministry of Human Resource Development (MHRD) and steered by IITs and Indian Institute of Science (IISc). Government has signed several agreements / Memorandum of Understanding (MoU) with foreign governments and overseas institutions during the last three years and current year. This includes Thirty Meter Telescope (TMT) project, Laser Interferometer Gravitational-Wave Observatory (LIGO)-India project, Healthy Life Trajectory Initiative

etc. National Center for Scientific Research (CNRS), France, Russian Science Foundation, Technology Strategy Board, UK, UK Department of Business Innovation & Skills, University of Paris, Canadian Institute of Health Research, Canada etc. are some of the partner institutions / countries involved in these agreements. Apart from promoting basic science and engineering research fields, these agreements also include sectoral priority areas like biotechnology, crop science, nuclear physics etc. Council of Scientific and Industrial Research (CSIR) has collaborated with various institutes both academic and R&D labs from India as well as abroad. The Science and Engineering Research Board (SERB), a statutory body of the Department of Science and Technology has entered into Memorandum of Understanding (MoU) with reputed overseas universities for deputing Indian students graduating from Indian universities/ institutes to pursue Ph.D. in areas of science, technology, engineering and medicine.

(e) A sum of Rs. 9.7 crore has been sanctioned as seed funding for LIGO-India project which will be shared between Department of Atomic Energy (DAE) and DST. India has to pay 11.5 Million CHF for Associate Membership of the European Organization for Nuclear Research (CERN) which will be shared by DAE and DST equally. Rs. 48.98 crore for TMT project and Rs. 30 lakh for Overseas doctoral fellowship have been released so far. In addition, 4 Million Euro is allocated for German collaboration with DST. DBT has allocated Rs. 173 crore to implement various agreements in the biotechnology sector.
